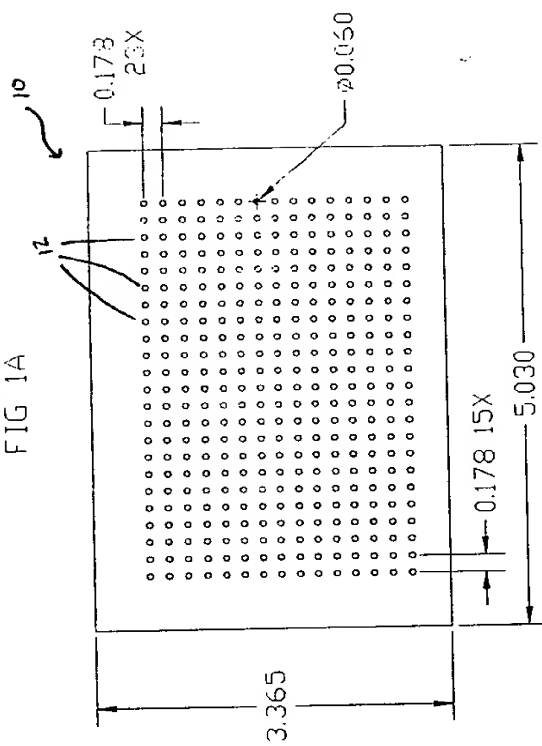


FIG. 1A is a top view of a substrate 10 having a grid of holes 12. The grid is defined by a pitch of 0.178 mm (23X) and a hole diameter of 0.050 mm. The substrate has a width of 3.365 mm and a length of 5.030 mm. The holes are arranged in a 15x11 grid.

384

FIG 1A



96

FIG 1B

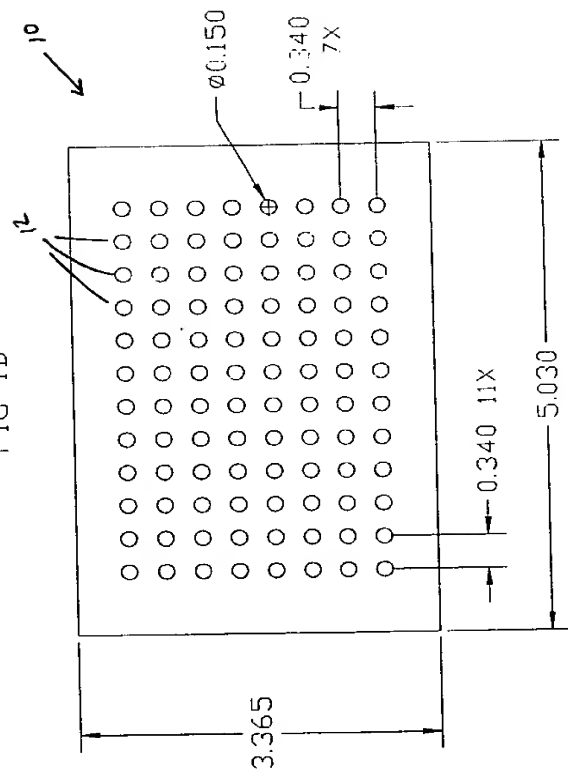


FIG 2  
CROSS SECTION OF DEVICE ASSEMBLY

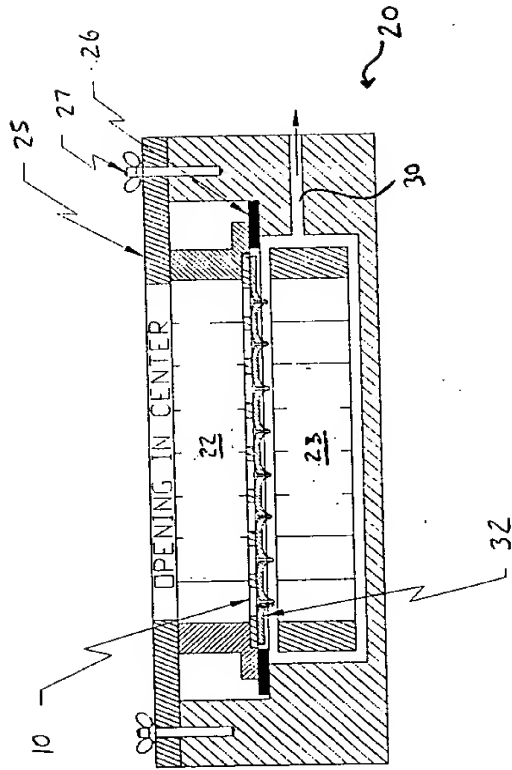


FIG. 3A is a perspective view of a first embodiment of a device 30. The device 30 includes a base 31 and a top layer 32. The base 31 is a rectangular plate with a grid of circular indentations 33. The top layer 32 is a rectangular plate with a grid of circular protrusions 34. The device 30 is shown in a perspective view, with the base 31 and top layer 32 separated.

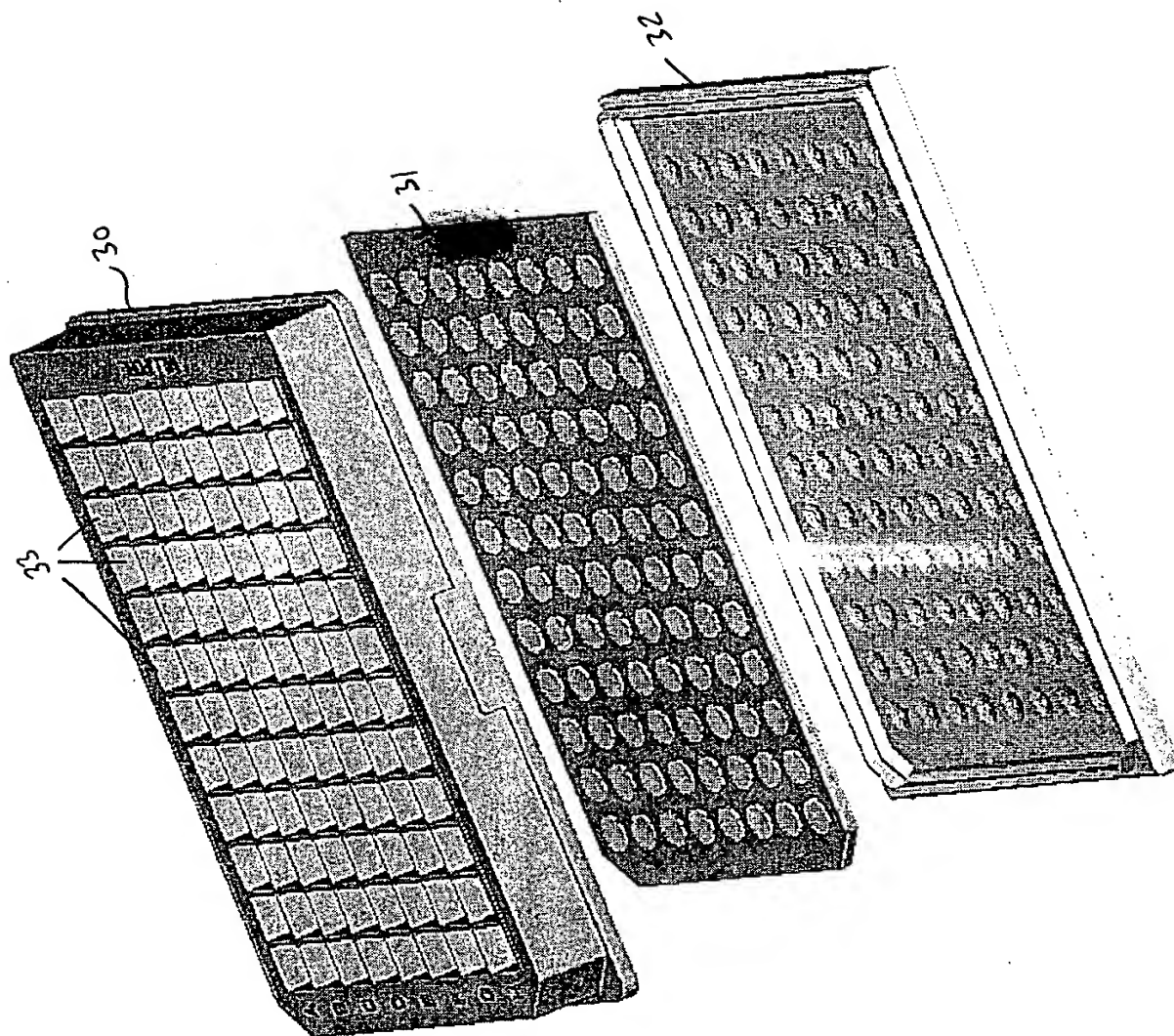


FIG. 3A

Fig. 3B

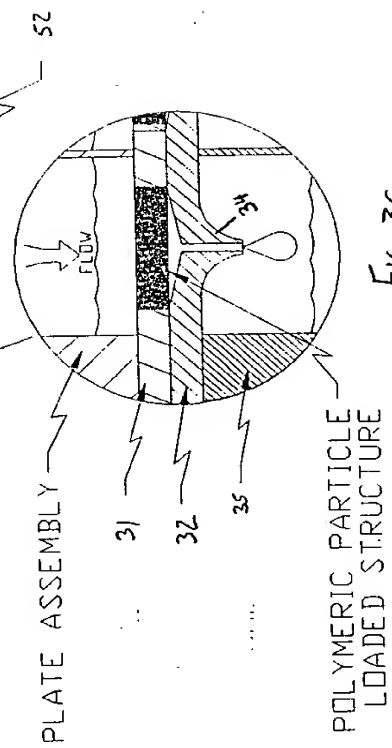
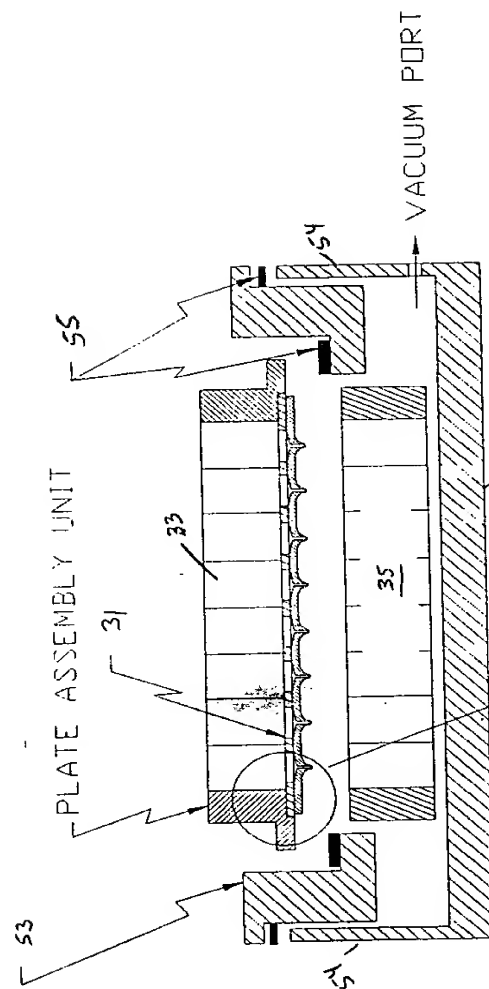


Figure 4A: Maldi ToF MS Analysis of Peptides Desalted on the Solid Phase Extraction Card.

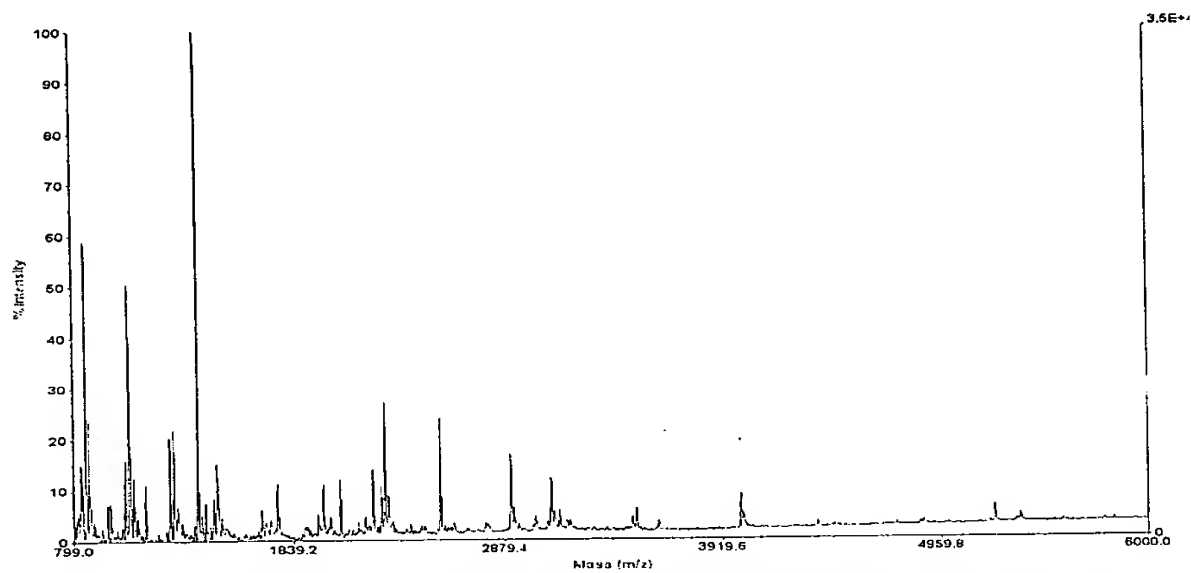


Figure 4B: Maldi ToF MS Analysis of Peptides Desalted on Millipore ZipTip<sub>μ</sub>Cl<sub>18</sub>™.

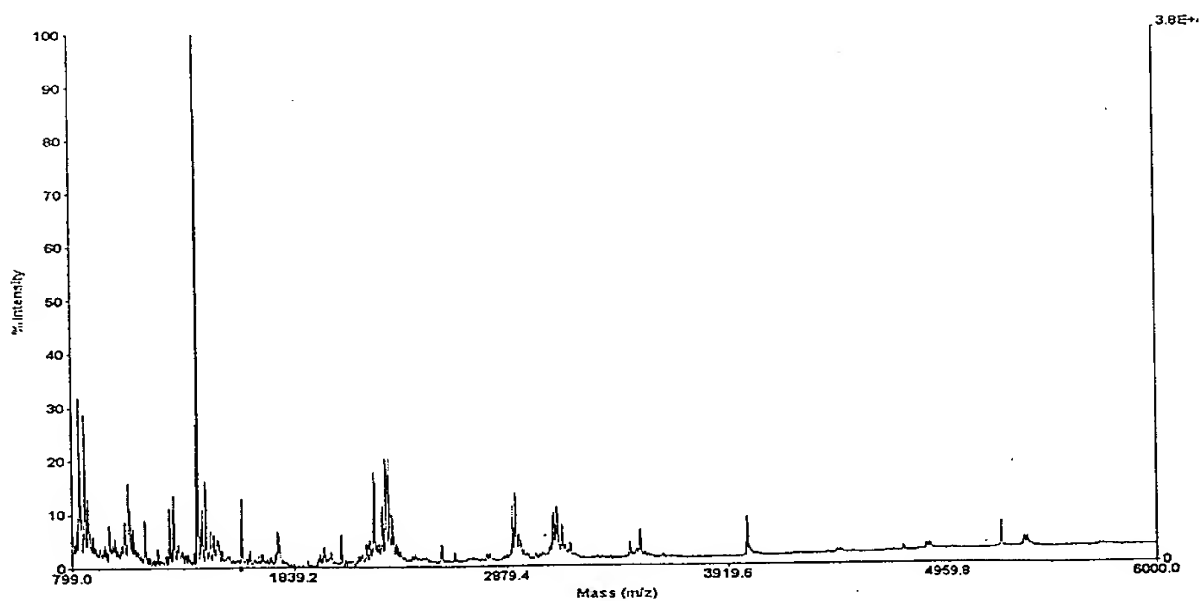


Figure 5A: Maldi ToF MS Spectrum of Peptides Desalted on the Solid Phase Extraction Card and Directly Analyzed.

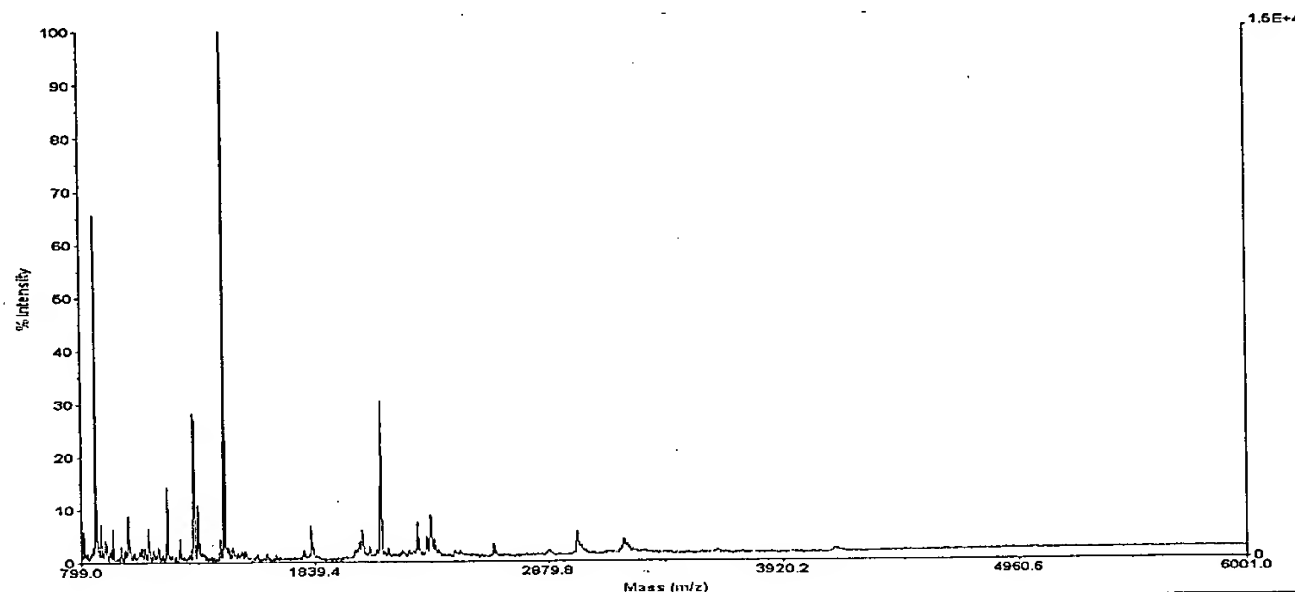


Figure 5B : Maldi ToF MS Analysis of Peptides Desalted on Millipore ZipTip<sub>μ</sub>Cl8<sup>TM</sup>.

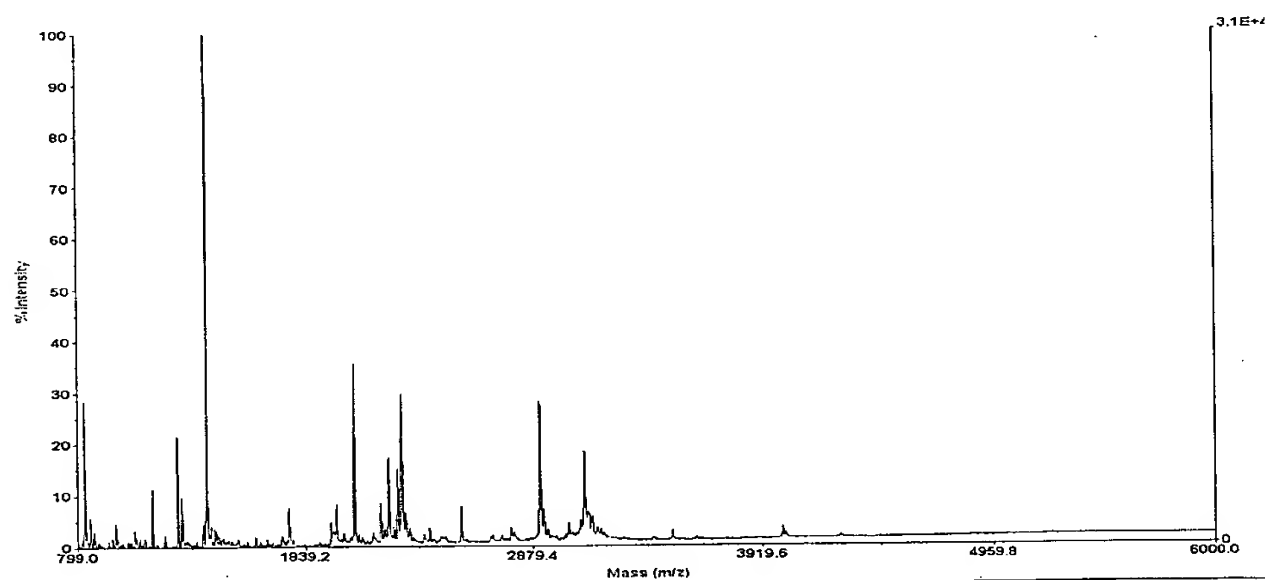


Figure 6A: Maldi ToF MS Analysis of Oligonucleotides Desalted on the Solid Phase Extraction Card.

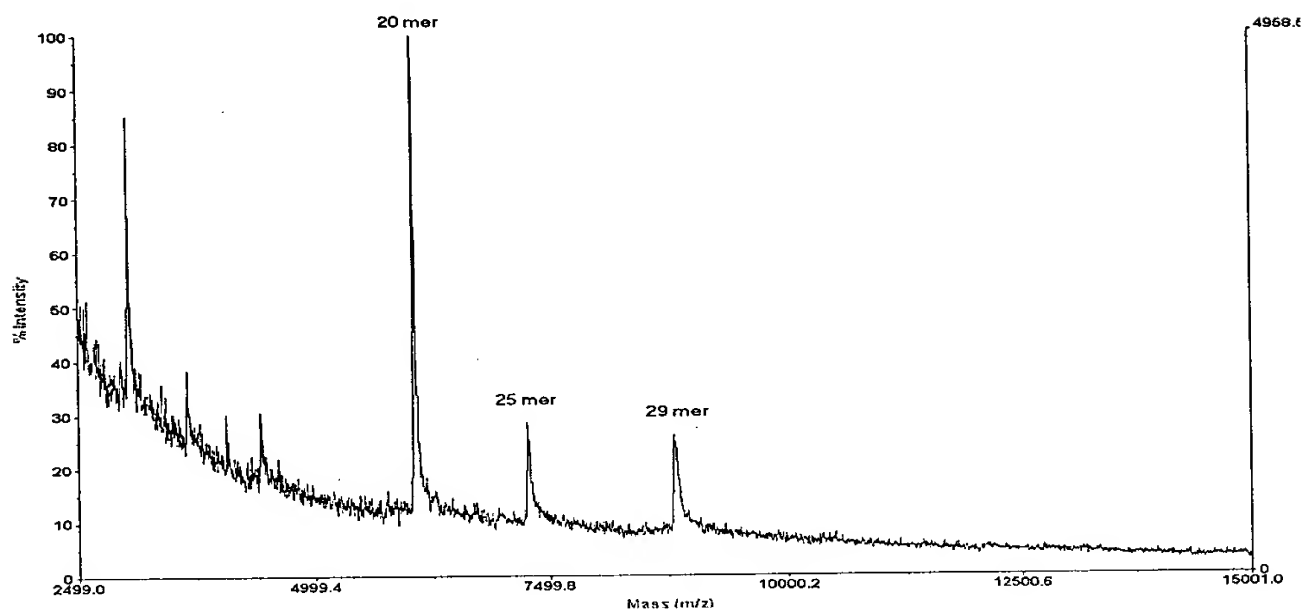


Figure 6B : Maldi ToF MS Analysis of Oligonucleotides Desalted on Millipore ZipTip<sub>u</sub>C18<sup>TM</sup>.

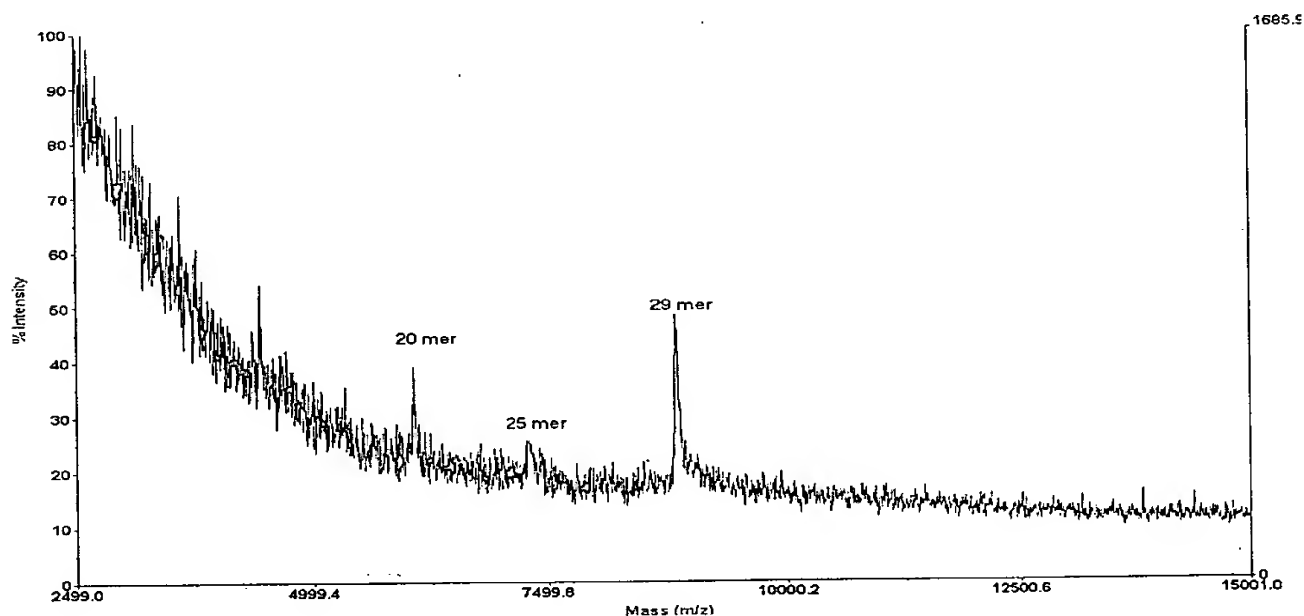


Figure 7: Maldi ToF MS Spectrum of Oligonucleotides Desalted on the Solid Phase Extraction Card and Directly Analyzed.

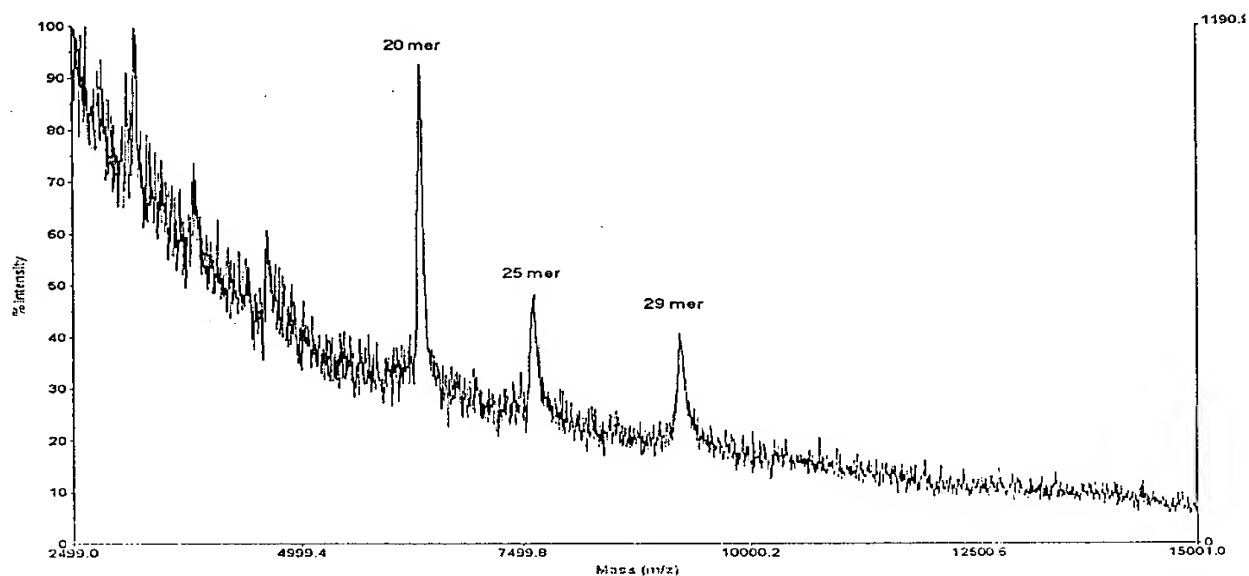
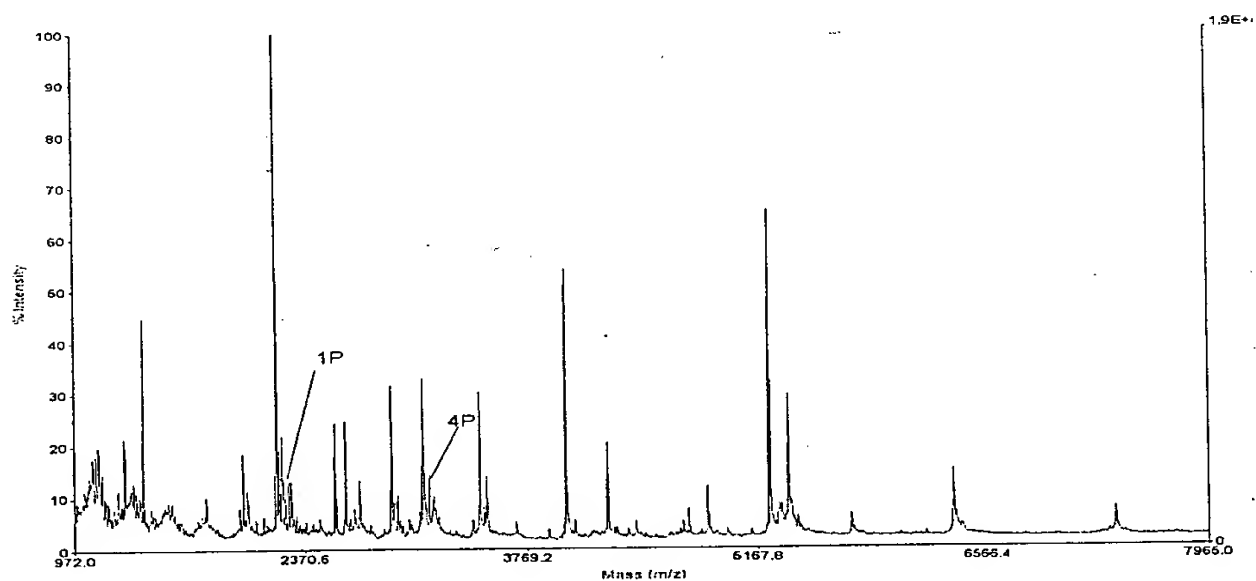
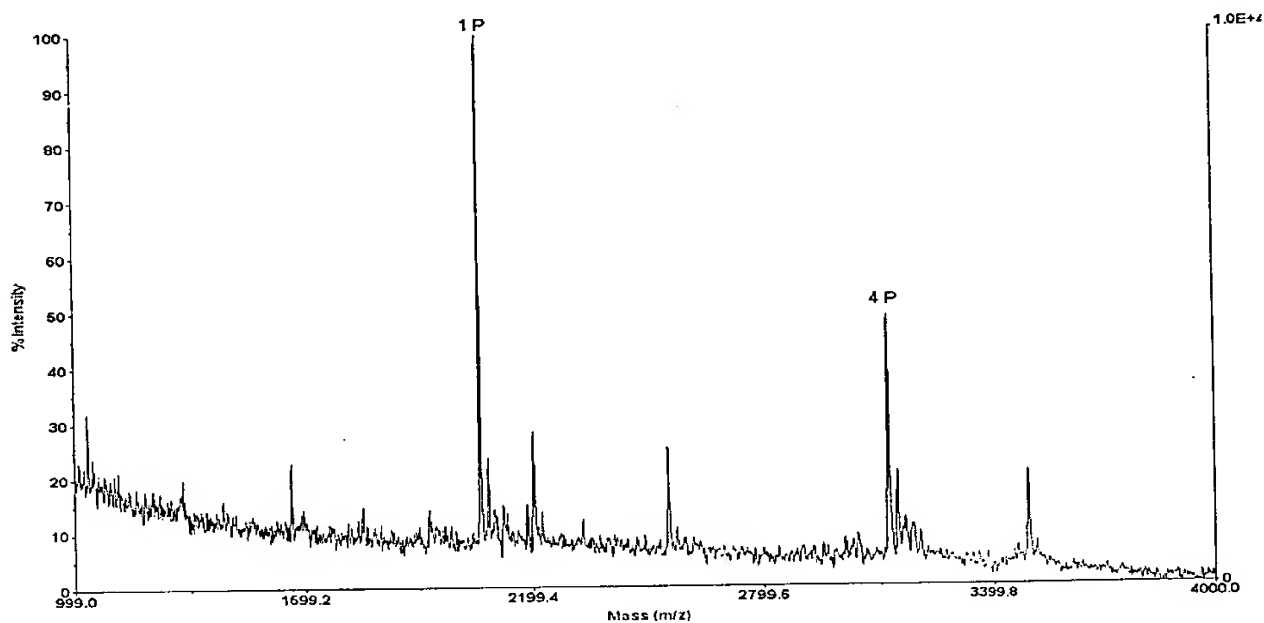


Figure 8A: Maldi ToF MS Spectrum of (total) Peptides

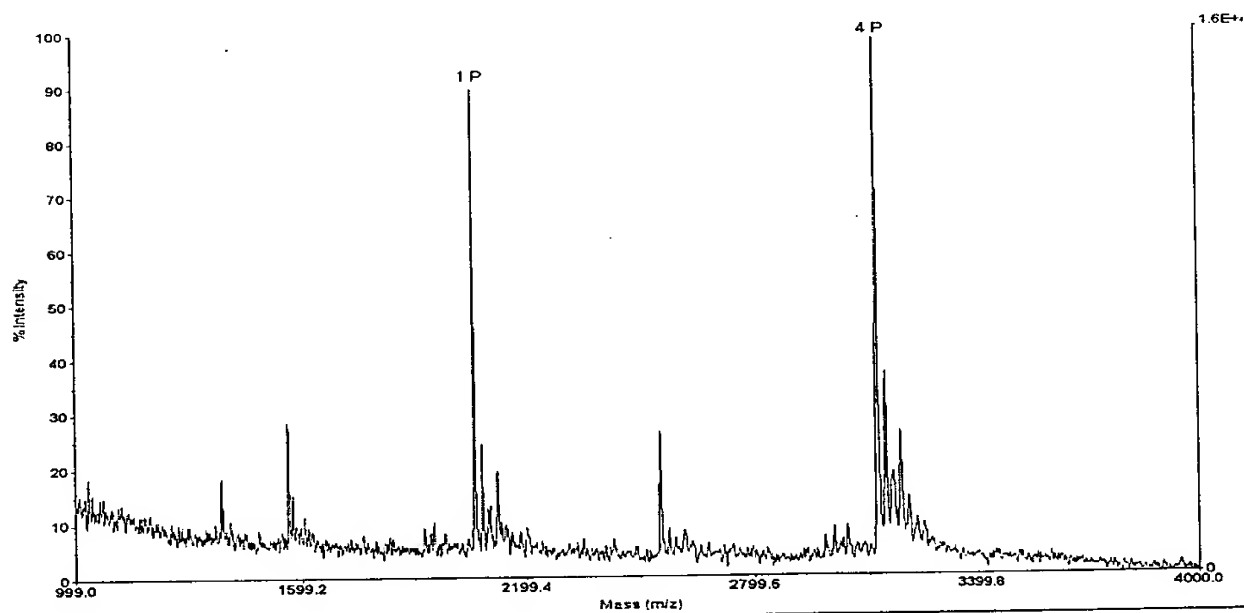




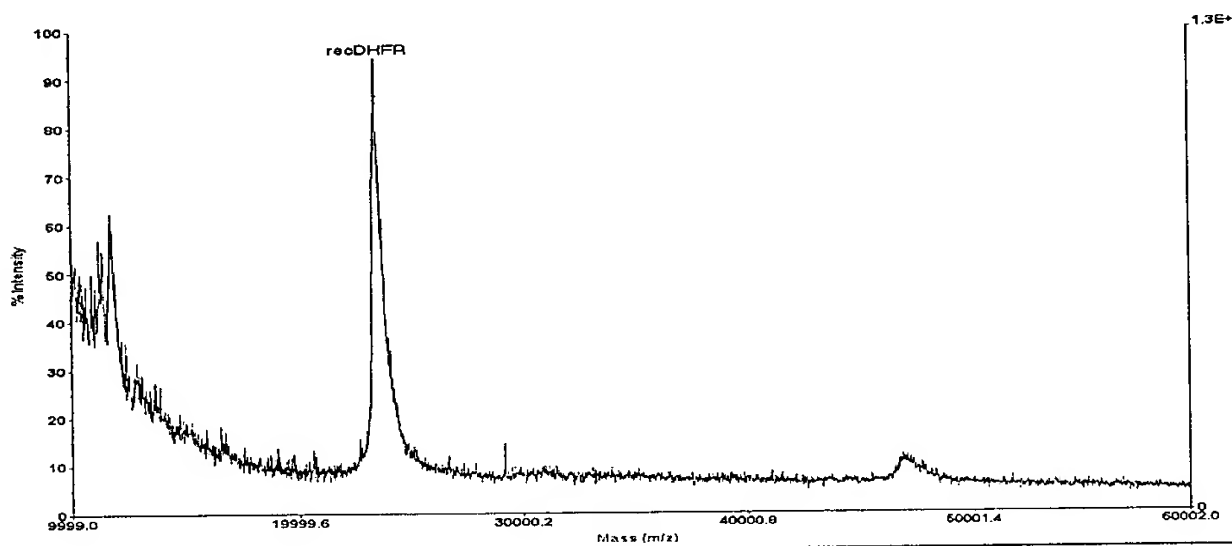
**Figure 8B:** Maldi ToF MS Analysis of Phosphopeptides Enriched on the Affinity Solid Phase Extraction Card.



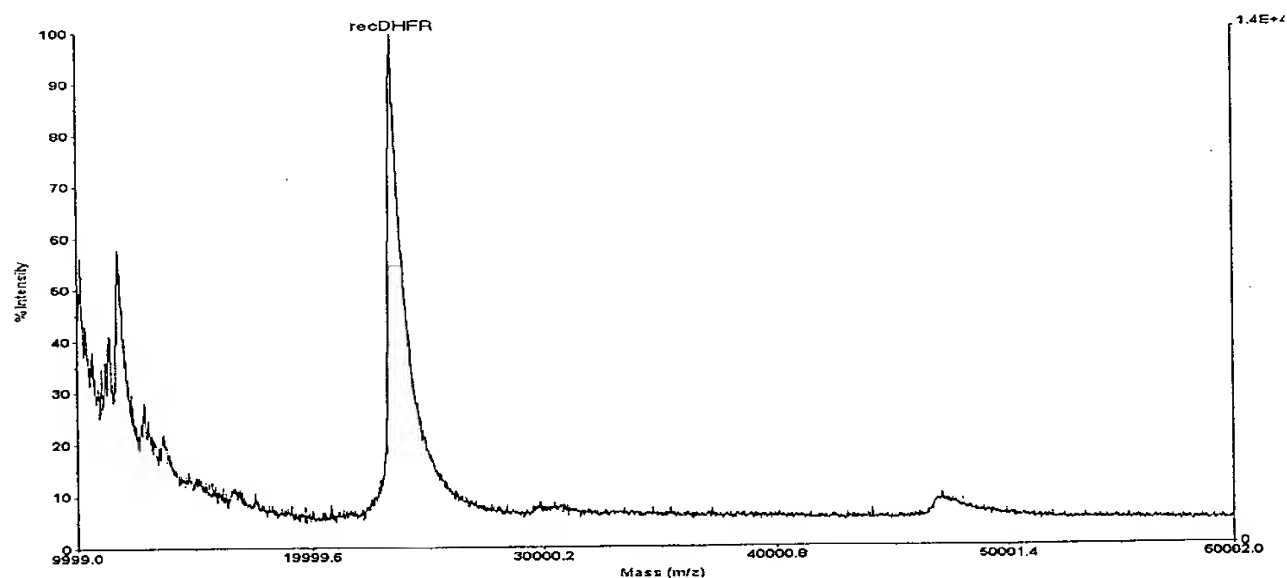
**Figure 8C:** Maldi ToF MS Analysis of Phosphopeptides Enriched on Millipore ZipTip<sup>TM</sup>MC.



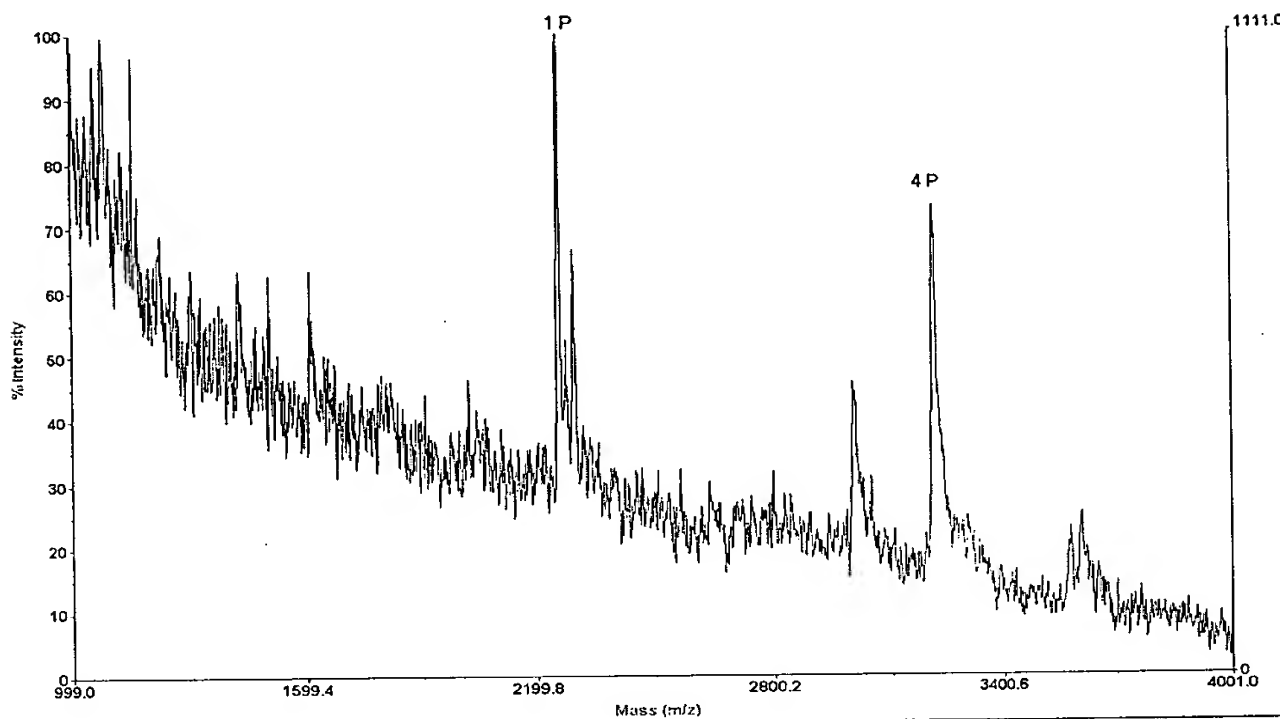
**Figure 8D:** Maldi ToF MS Analysis of Recombinant His-Tagged Protein Enriched on the Affinity Solid Phase Extraction Card.



**Figure 8E:** Maldi ToF MS Analysis of Recombinant His-Tagged Protein Enriched on Millipore ZipTip<sub>MC</sub>.



**Figure 9A:** Maldi ToF MS Analysis of Phosphopeptides Enriched on the Affinity Solid Phase Extraction Card with Direct Analysis.



**Figure 9B: Maldi ToF MS Analysis of Recombinant His-Tagged Protein Enriched on the Affinity Solid Phase Extraction Card with Direct Analysis**

